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## **Surviving Migration: Segregation, Wellbeing and the Risk of Psychotropic Medication Uptake**

Hyden, D., Shuttleworth, I., & Stevenson, C. (2017). *Surviving Migration: Segregation, Wellbeing and the Risk of Psychotropic Medication Uptake*. 1-24. Paper presented at Psychology Seminar Series, Coleraine, United Kingdom.

**Document Version:**  
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# Surviving Migration:

## Segregation, wellbeing and the risk of psychotropic medication uptake

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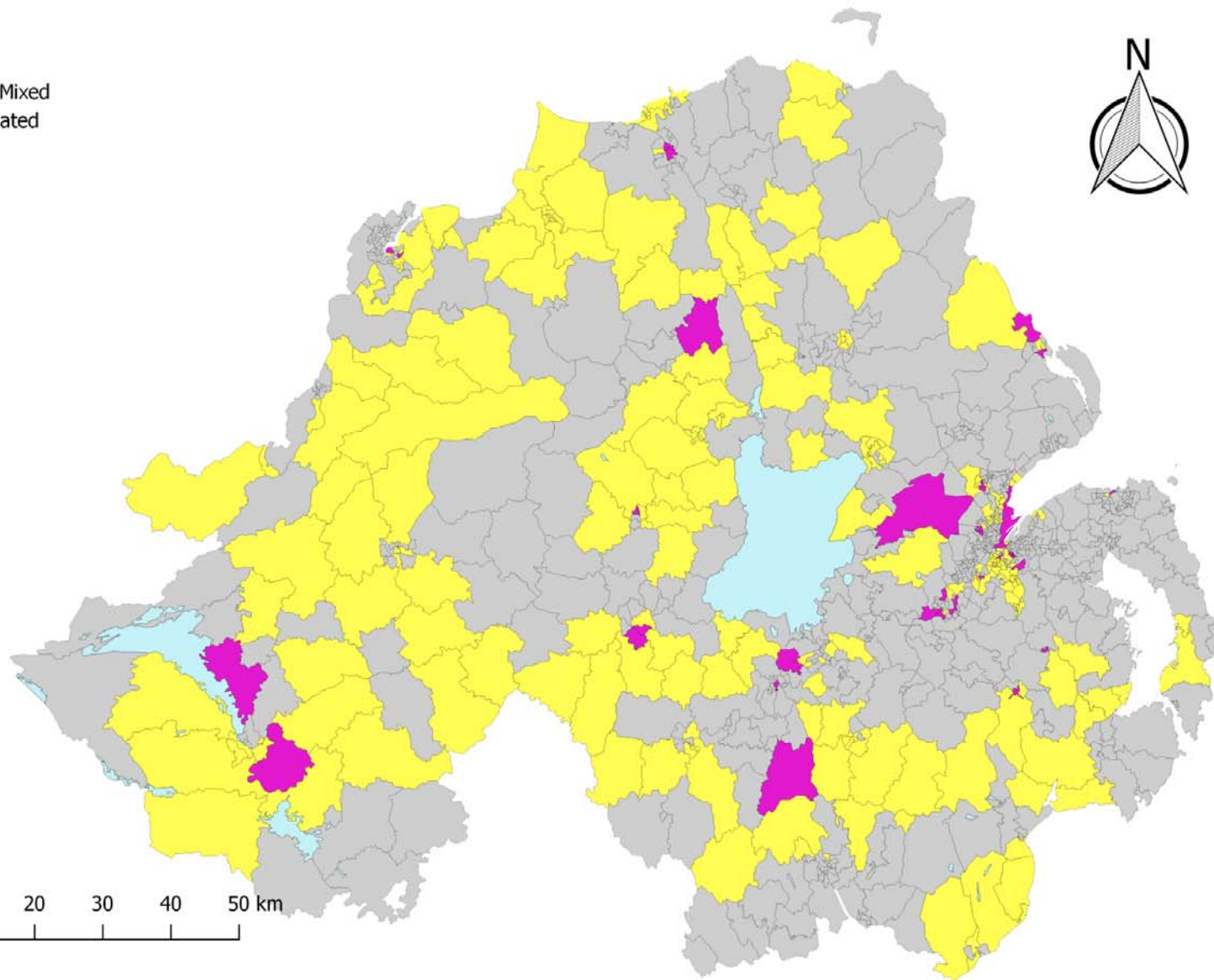
Dr C Stevenson (Nottingham-Trent)



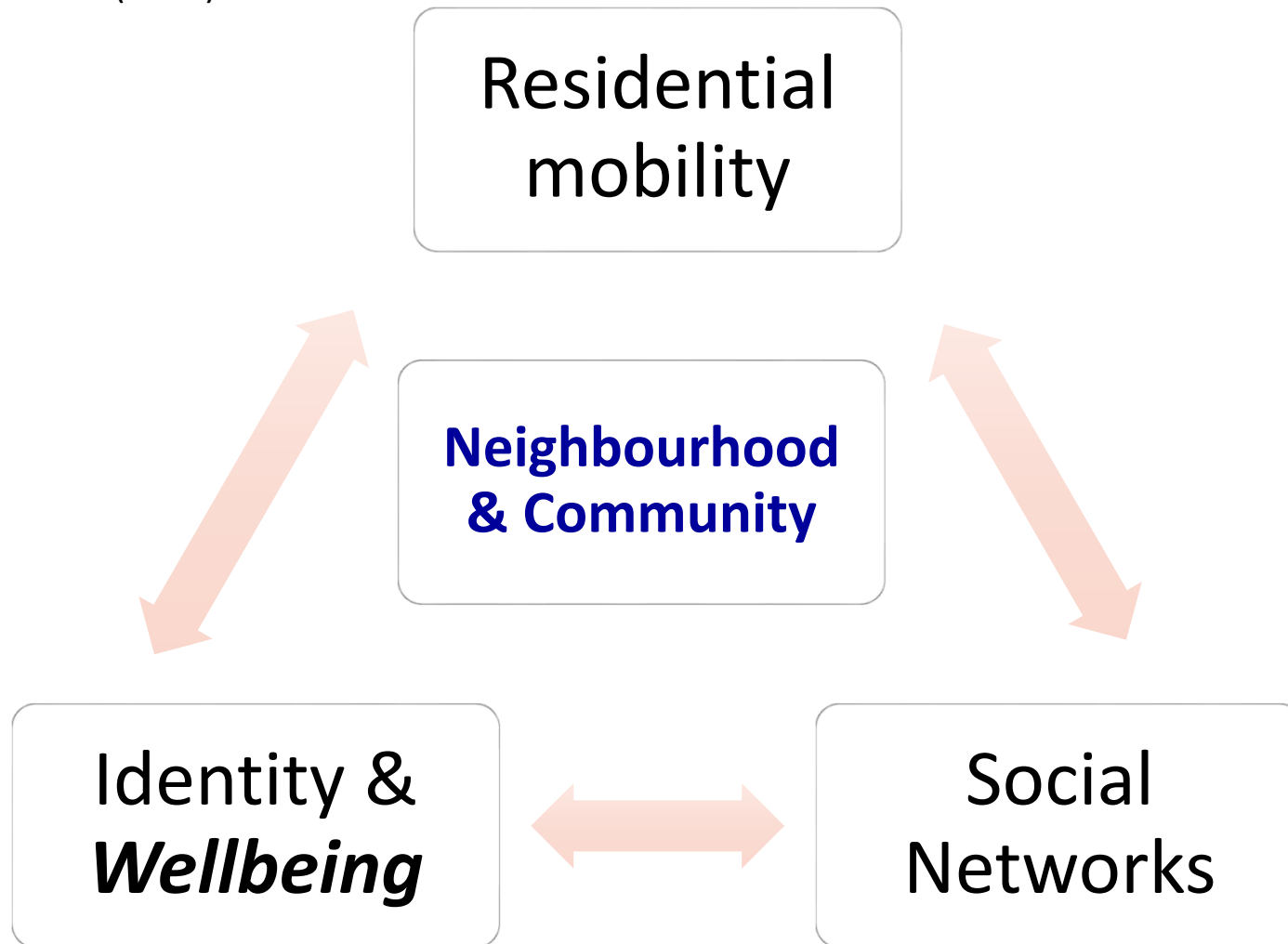
# Outline

- Introduction
- Research questions
- Methods
- Results
- Conclusions & future work





After Oishi (2010)



# Research Question

- Does wellbeing depend on a correspondence between social identity and place identity?

# The Data



- Representative sample of 28% NI population
- Census information
- Migration data based on information from health card registration (2001 – 2015)
- Distinct Linkage Project
- Prescription data from BSO – Psychotropic medications issued (2010 – 2015)

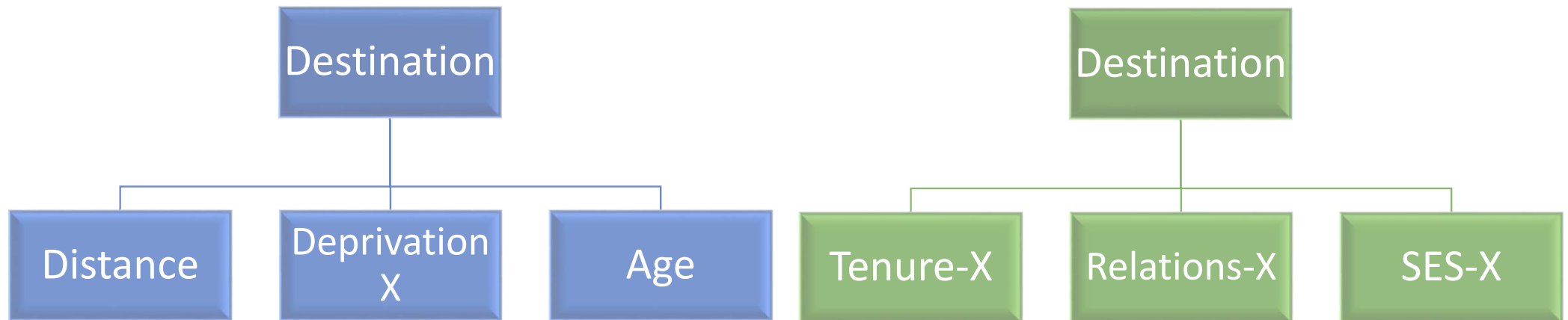
# Multi-method

- Geographic Information Systems (GIS)
  - Mapping migration, segregation and deprivation
- **Multilevel Modelling**
  - **Contextual factors associated with wellbeing decline**
- **Survival Analysis**
  - **Discrete Time Survival analysis (DTSA)**
- In-depth Interviews
  - Photo-elicitation and participatory GIS

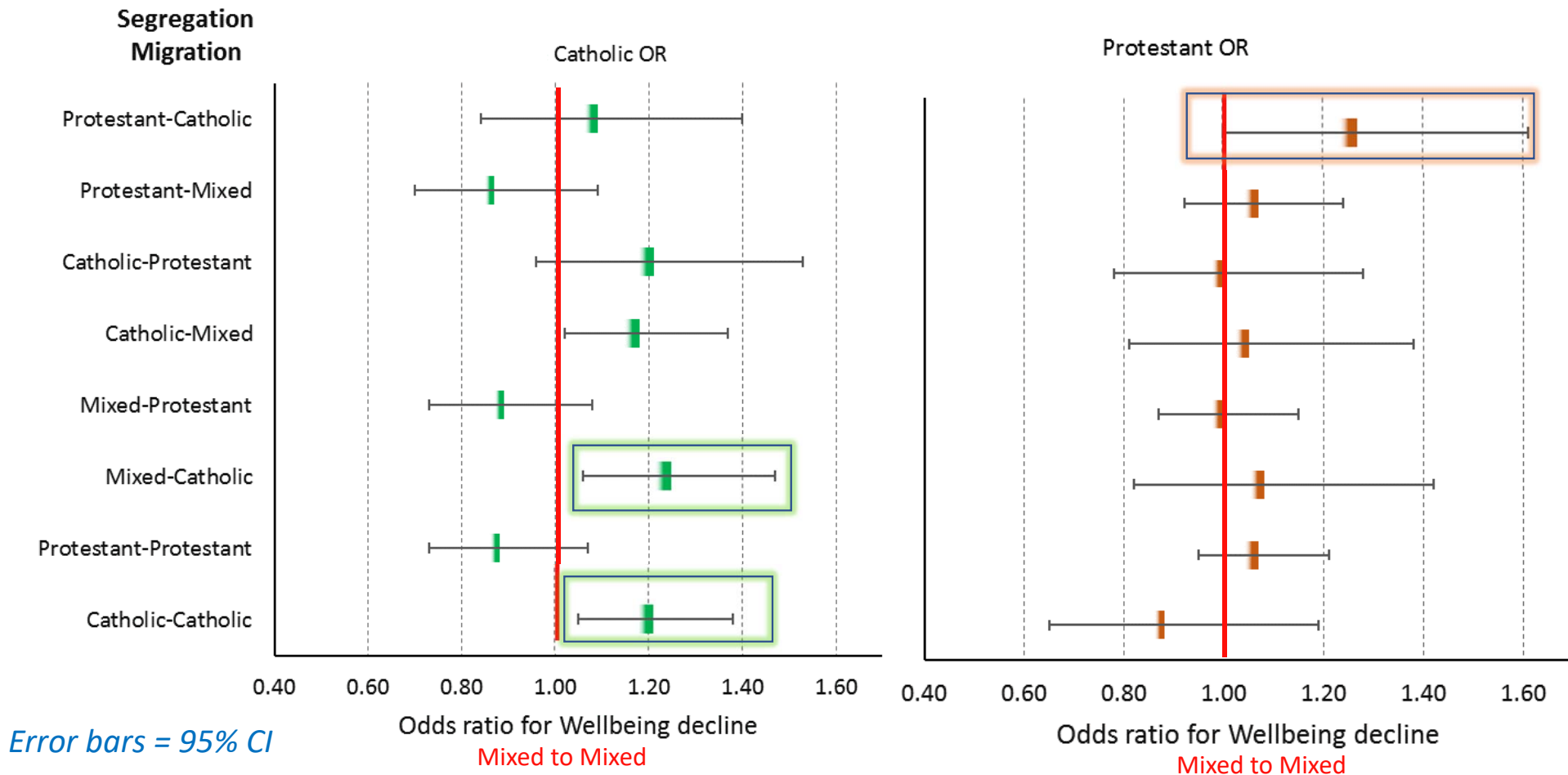


# Research Question

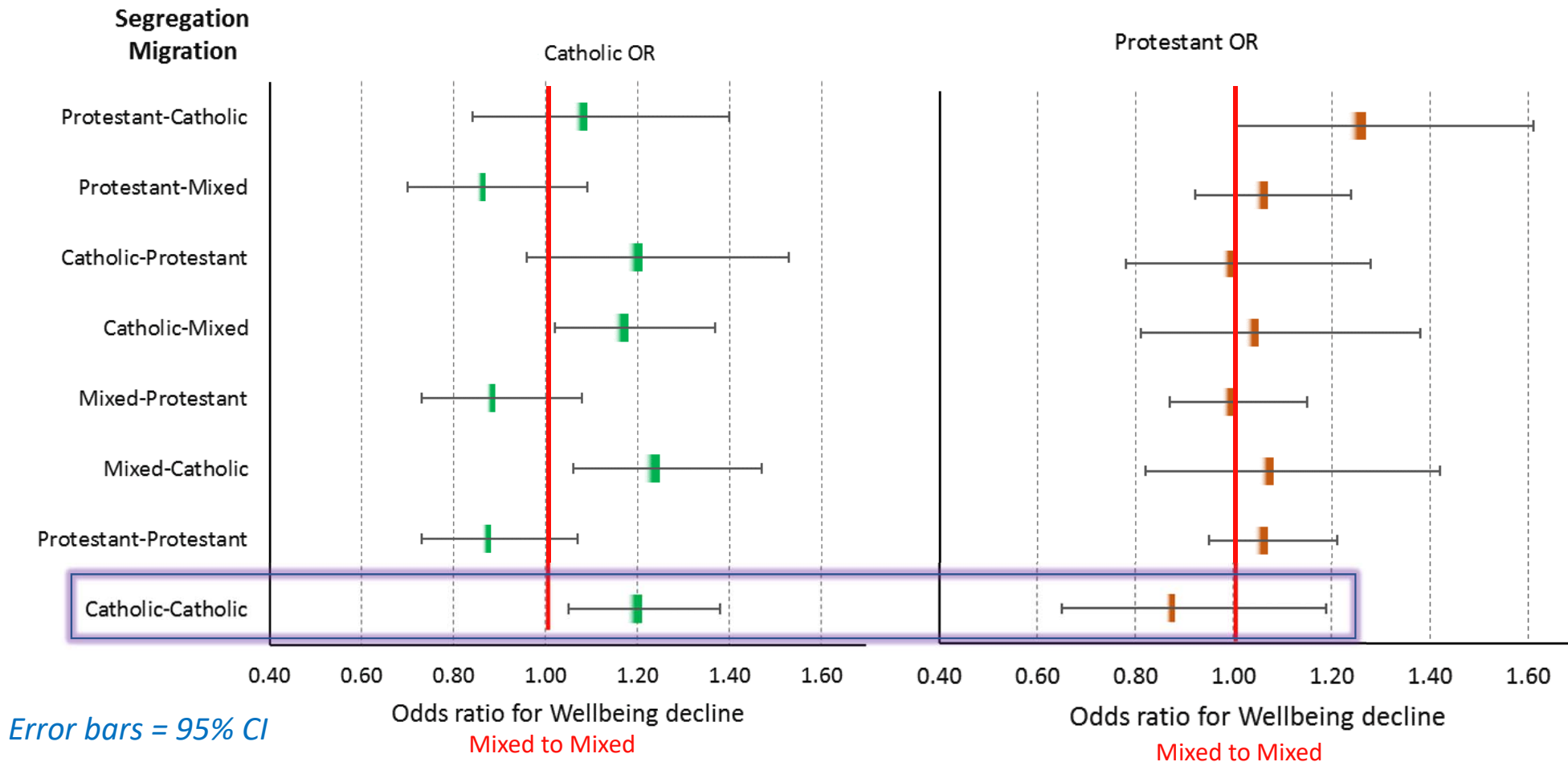
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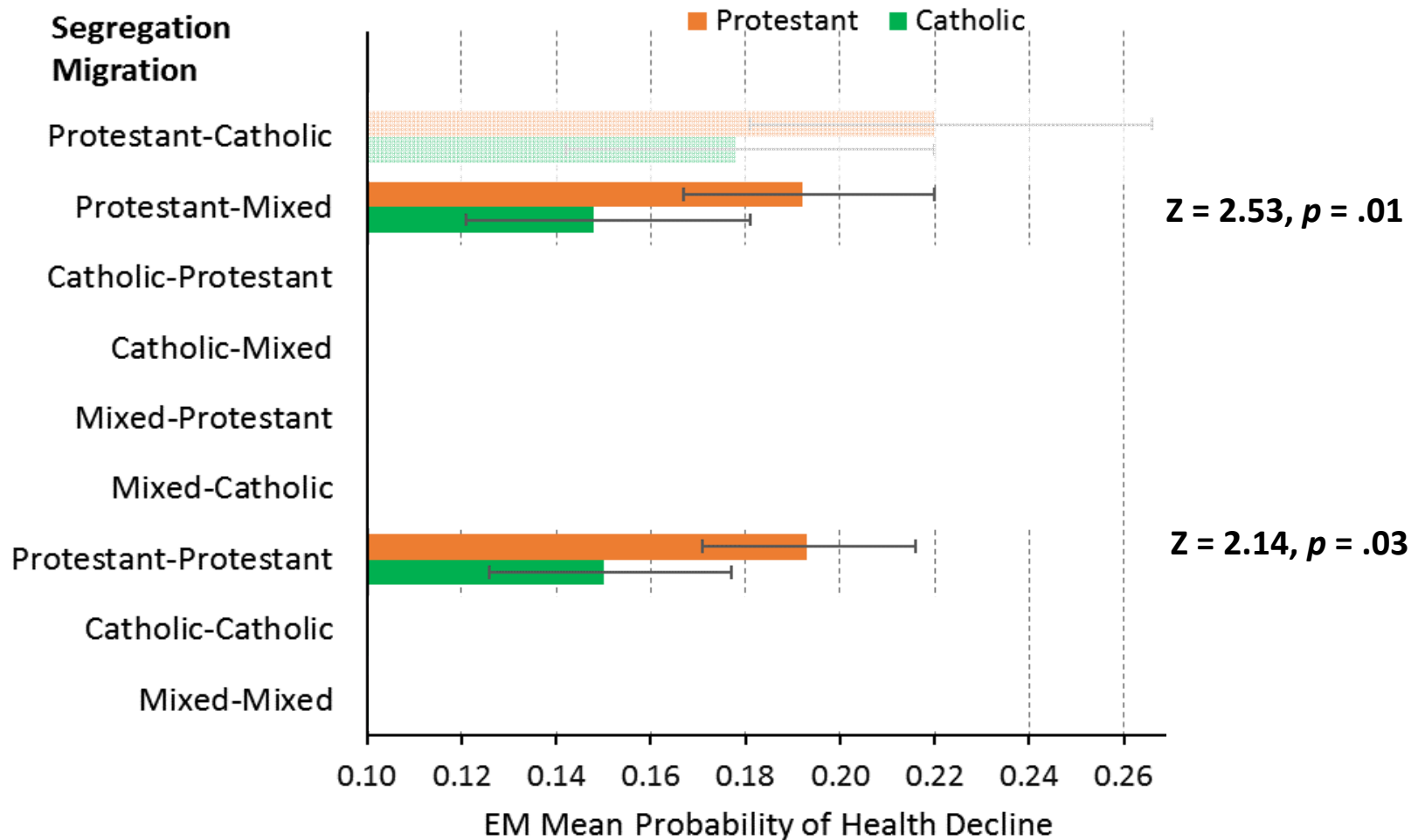
# Wellbeing Decline: 2001 -2011



# Wellbeing Decline: 2001 -2011



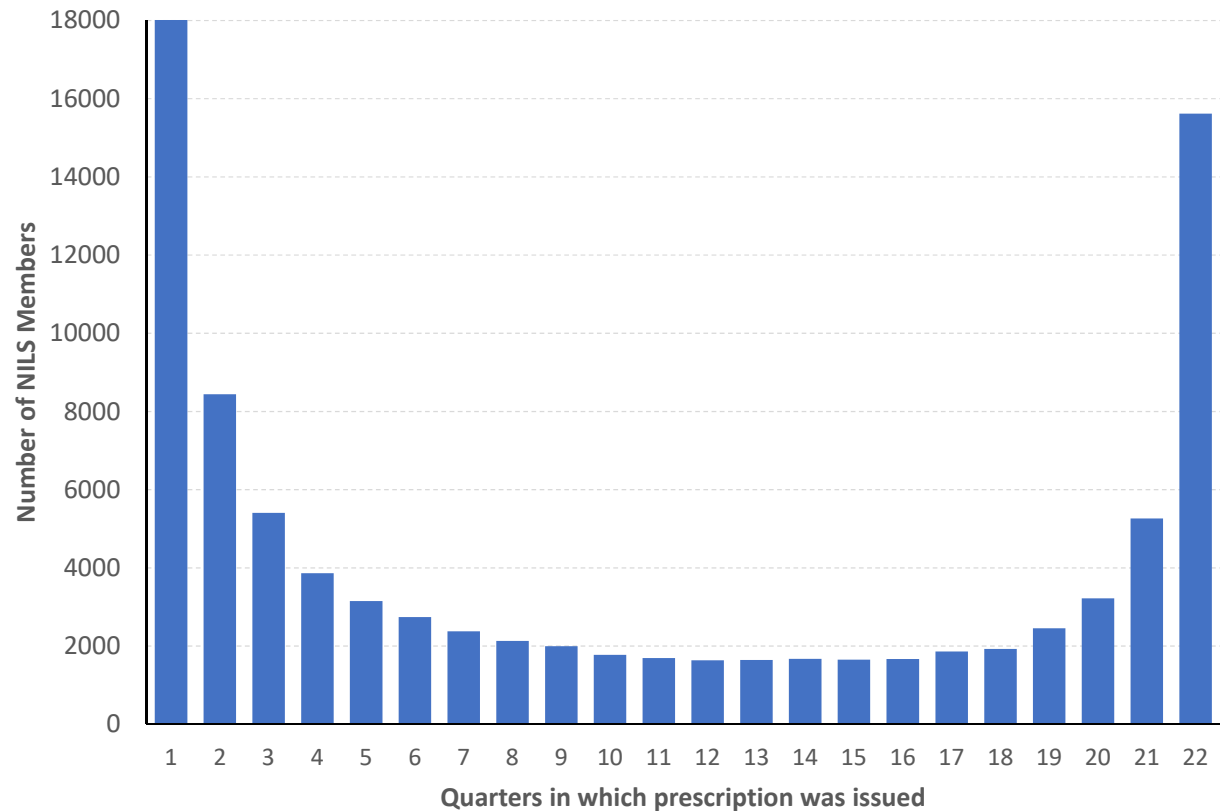
# Wellbeing Decline: 2001 -2011

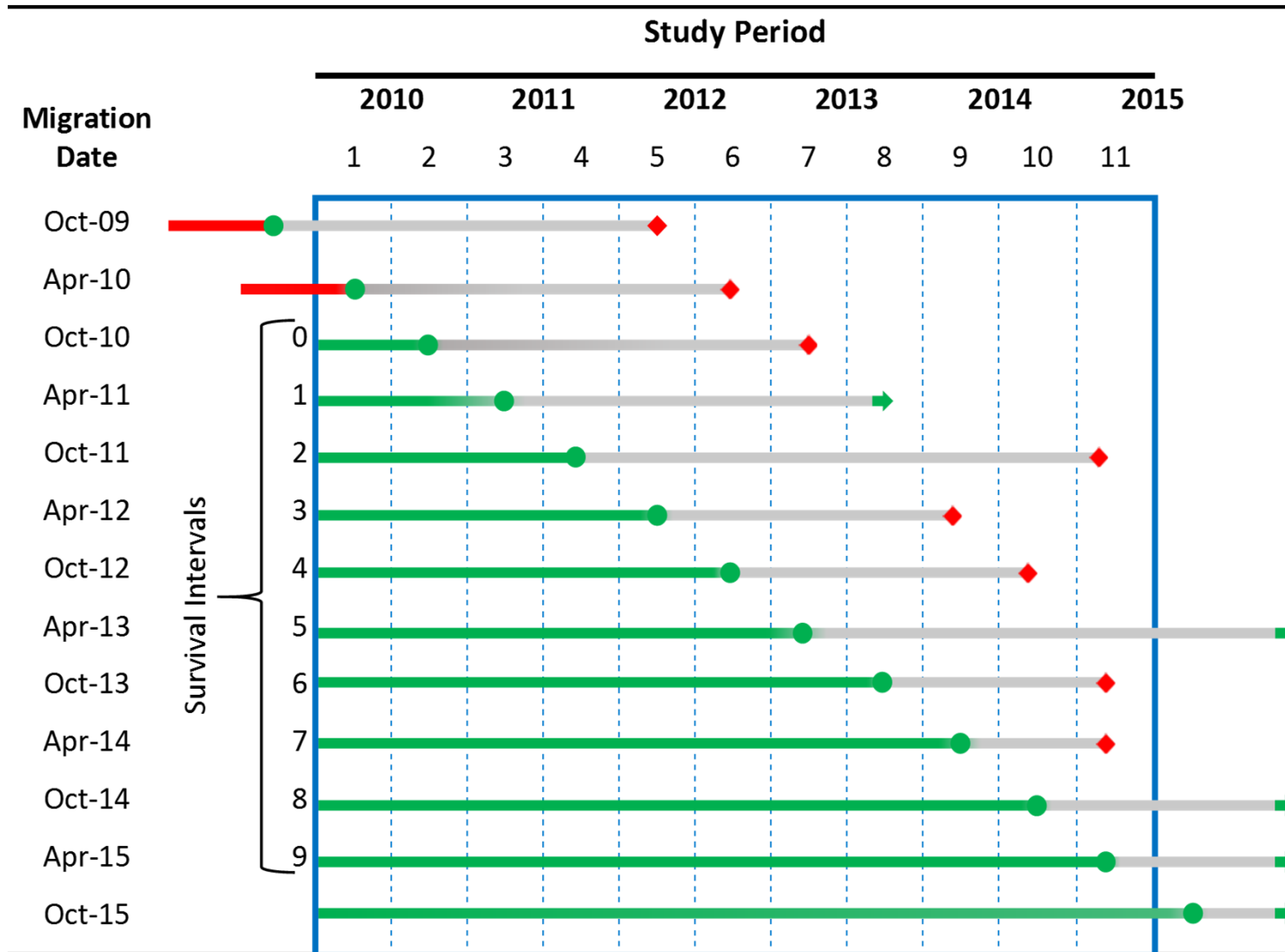


Error bars = 95% CI

# Prescription data (January 2010 – June 2015)

- Anxiolytics
- Hypnotics
- Antidepressants
- Stimulants
- Antipsychotics
- Aggregated to give a binary outcome (script/no script) for each prescribing period





“Past behavior is the best  
predictor of future behavior”  
(Ajzen, 2011)